

## SUMMARY OF HIGHWAY SAFETY MANUAL IMPLEMENTATION PLAN\_6-16-2011

BEGIN DATE	ACTIVITY / EVENT
4th Quarter 2009	<b>Calibrate Equations for Florida Conditions</b> – Research efforts are underway to assess the availability of the required data types and calibrate the Safety Performance Functions (SPF) for Florida conditions. <b>(IN PROGRESS)</b>
4 <sup>th</sup> Quarter 2010	<b>Top Management Support</b> - Request support and commitment from Top Management. Present need and urgency for the implementation of the Highway Safety Manual (HSM) to key Department Staff. Agree on planned activities, reporting and assistance. <b>(COMPLETE)</b>
4 <sup>th</sup> Quarter 2010	<b>Joint Director's Meeting Presentation</b> - District and Central Office Directors <b>(COMPLETE)</b>
4 <sup>th</sup> Quarter - 2010	<b>NCHRP 17-38 HSM Pilot Training</b> – District and Central Office participants (40) from Design, Planning, Safety and Traffic Operations. <b>(COMPLETE)</b>
4 <sup>th</sup> Quarter - 2010	<b>NCHRP 17-50 HSM Lead State Initiative</b> – Demonstrate Florida's commitment to leadership and willingness to support local agencies and other states in the HSM implementation. <b>(ON GOING)</b>
2nd Quarter 2011	<b>Executive Committee Workshop Presentation</b> – Present HSM benefits, national and FDOT implementation efforts / District Champion assignments. <b>(COMPLETE)</b>
2nd Quarter 2011	<b>District Pilot Projects</b> - Identify four projects in each district (PD&E, Safety, TO, Design) under the direction of the trained senior engineers that can benefit from applying the HSM methodologies. Work with CO to develop and review analysis. <b>(ON GOING)</b>
3 <sup>rd</sup> Quarter 2011	<b>Top-Down Management Presentations</b> – Top-Down meetings will be held to extend the support and commitment to district management. (Environmental Management Office , Design, TO, and Safety) <i>In the process of assigning district top down champions.</i>
3 <sup>rd</sup> Quarter 2011	<b>Publication / Recognition of Pilot Projects</b> - Publicize the results of District Pilot Projects and recognize the manager/designer responsible for the implementation.
3 <sup>rd</sup> and 4 <sup>th</sup> Quarter 2011	<b>Deliver Training in each District</b> – Conduct HSM training in each district for in-house and consultant personnel working with FDOT and local projects.
4th Quarter 2011	<b>Large Scale Project Implementation</b> - Identify a minimum of 10 projects in each district (PD&E, Safety, TO, Design) under the direction of trained engineers that can benefit from applying the HSM methodologies.
1 <sup>st</sup> Quarter 2012	<b>Update FDOT Roadway Characteristics Inventory (RCI) / Develop Calibration Data Base</b> – Implement changes to RCI database required to recalibrate equations periodically. Finalize calibration software / spreadsheets.
1 <sup>st</sup> Quarter 2012	<b>Implement Network Screening Methods / Work Program Component</b> – Establish a Roadway Safety Management Process following HSM methodologies (Part B) for programming safety projects under the Highway Safety Improvement Program (HSIP).
1 <sup>st</sup> Quarter 2012	<b>Incorporation Into Manuals, Guidelines and Handbooks</b> – Update procedures and criteria in the Department publications.
2nd Quarter 2012	<b>Director of Transportation Management Reports</b> – Business rules resulting from quantitative safety analysis being integrated into the Work Program Development process. Best practices will be shared between districts.
Future	<b>Training and Implementation of Additional SPFs and Crash Modification Factors (CMF) (Ver. 2)</b> – Implement methodologies for freeways, 6-lane roadways, etc.
Future	<b>Standardized Training, Tools and Annual Calibration</b>